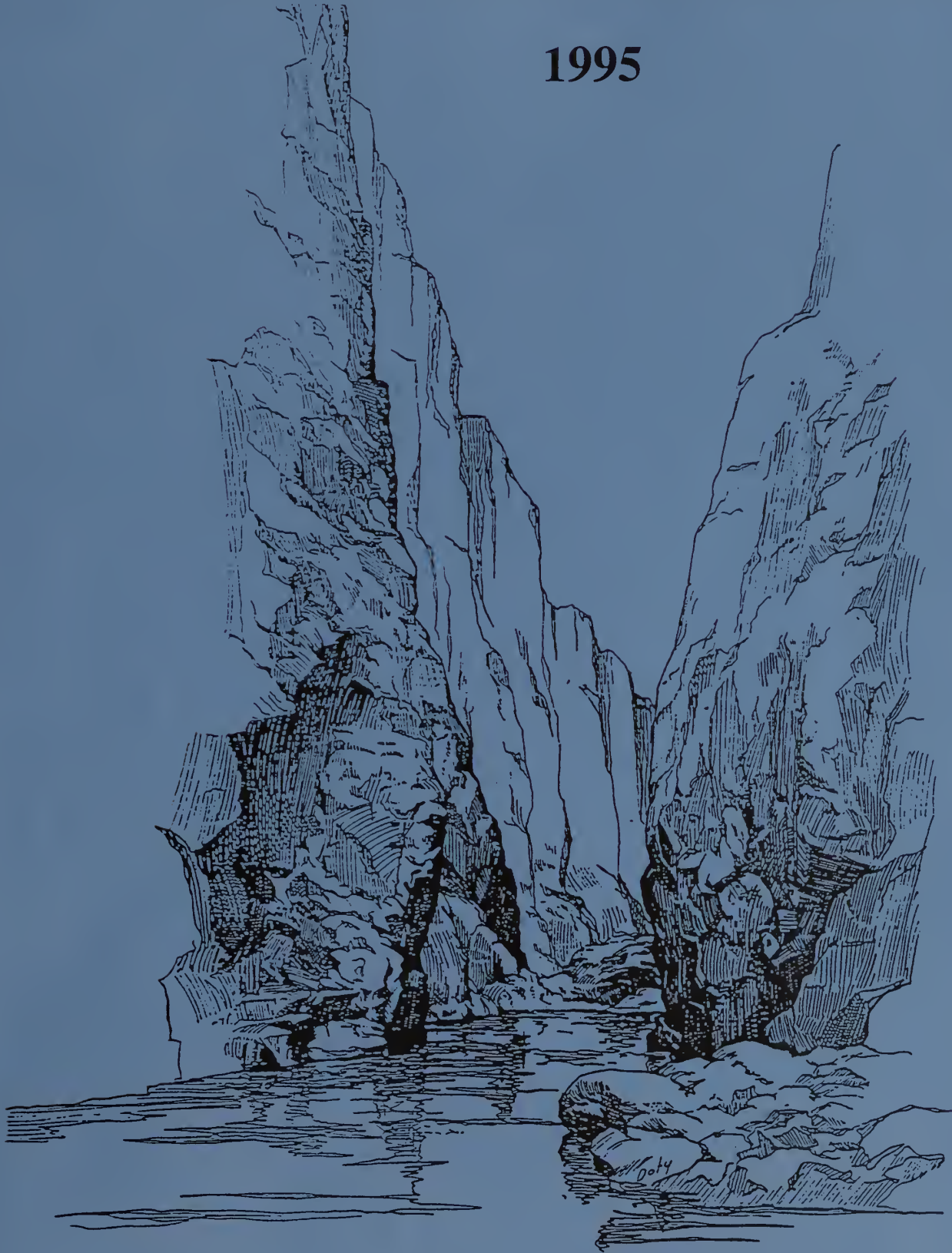


Gunnison River System Bibliography

1995



United States Department of the Interior

National Park Service in Cooperation with Bureau of Reclamation

Gunnison River System Bibliography
Subject Bibliography: Gunnison and Related References

Introduction


The Gunnison River System bibliographic database is a working product which includes a comprehensive collection of references specific to the Gunnison River, and a selection of related references involving the Colorado River System and other regions. The completion of a comprehensive literature search has been identified as an essential step in determining the research needs associated with water delivery contract negotiations underway in the Gunnison River Basin. The result is a bibliographic database containing 800+ references from which variously organized bibliographies may be generated. The database may be amended as more information is acquired, and as the scope of the bibliographic project is fine-tuned. We anticipate that the database will be useful for other research projects and resource management programs in the Upper Colorado River Basin and similar river systems.

The bibliographic database has been constructed using Pro-Cite software (by Personal Bibliographic Software, Inc.) for IBM computer systems. Each entry (reference) includes key descriptive words which can be used to organize the database in different ways. Bibliographies focusing on specific subject areas, authors, time periods, etc. can be created from the database by using the search features of Pro-Cite.

The attached bibliography contains the entire database arranged by subject groupings. References that have been placed in more than one subject grouping appear in more than one place in the document. Questions, additions and suggestions about the bibliography may be directed to Janet Wise, NPS Regional Water Resources Program Manager, or Chief of Resource Management, Black Canyon of the Gunnison National Monument. Please use the following addresses for correspondence:

National Park Service
Rocky Mountain Regional Office
Natural Resources Division (RMR-RN)
P.O. Box 25287
Lakewood, Colorado 80225-0287
Telephone: (303) 969-2655
Fax: (303) 969-2644

National Park Service
Black Canyon of the Gunnison National Monument
2233 East Main
Montrose, CO 81401
Telephone: (970) 249-7036
Fax: (970) 249-7208



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Gunnison River System Bibliography
Subject Bibliography: Gunnison and Related References

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Climate change

CULTURAL RESOURCES/HISTORICAL

Cultural resources

Historical

ECONOMICS/RECREATION

Economics

Recreation

ENVIRONMENTAL DOCUMENT

Environmental document (i.e., NEPA)

FLUVIAL GEOMORPHOLOGY/GEOMORPHOLOGY/HYDROLOGY

Fluvial geomorphology

Geomorphology

Hydrology

FRESHWATER ECOLOGY

Aquatic invertebrates

Fisheries biology

Freshwater ecology (includes: limnology, aquatic resources, fisheries biology, aquatic invertebrates, invertebrates, aquatic vegetation)

Invertebrates

GEOLOGY/MAPPING/PHOTO DOCUMENTATION/SOILS

Geology

Mapping

Photo documentation

Soils

HYDROPOWER

Hydropower

LEGISLATION

Legislation (resource protection, project authorizations, decrees, operations)

PRE-REGULATION

Pre-regulation

RECLAMATION LAW/WATER LAW/WATER CONTRACT/WATER RIGHTS

Reclamation law (includes instream flow protection and environmental policy)

Water contract

Water law

Water rights

RESERVOIR OPERATION AND MANAGEMENT

Reservoir operation and management (includes flood control hazard assessment, floodplain information and icing)

RESOURCE AND LAND MANAGEMENT**Resource and land management****RIPARIAN ECOLOGY/RIPARIAN VEGETATION****Riparian ecology****Riparian vegetation****STREAM REGULATION****Stream regulation** (includes the effects of stream regulation, streamflows and instream flow needs assessment)**WATER QUALITY****Water quality****WATER SUPPLY****Water supply** (includes feasibility studies for water use and development)**WILDLIFE BIOLOGY****Wildlife biology** (terrestrial and riparian/aquatic - excludes fish and invertebrates)**OTHER KEYWORDS** (not itemized in table of contents)**Vegetation** (terrestrial/riparian)**Endangered species****Colorado related** (Colorado River system and/or Colorado)**Gunnison** (Gunnison River system)**Other region related** (outside of Colorado River system)**Unknown region****General research related** (outside of Colorado River system, or unknown location)**BLCA file** (Black Canyon of the Gunnison N.M.)**CSWCB file** (Colorado State Water Conservation Board)**CURE file** (Curecanti N.R.A.)**WRD file** (NPS Washington Office, Water Resources Div.)**RMRO file** (Rocky Mountain Regional Office, NPS)**NPS document****NPS management document**

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STREAM REGULATION (includes the effects of stream regulation, streamflows and instream flow needs assessment)

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A direct gradient method to predict riparian vegetation change resulting from a proposed upstream dam or diversion is presented. The method was applied to riparian vegetation of the Black Canyon of the Gunnison National Monument along the Gunnison River in Colorado. Quantitative changes in the extent of defined vegetative cover types were estimated for 3 hypothetical flow regimes. Results suggest that 1) it is possible to cause substantial changes in riparian vegetation without changing mean annual flow, and 2) riparian vegetation is especially sensitive to changes in minimum and maximum flows.
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This team was interested in providing a basic understanding of the natural resource components and ecosystem dynamics in both the national monument and national recreation area.
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Wildlife biology/BLCA file/Gunnison.
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This pamphlet contains two parts. The first describes the best locations to view birds in the park. Use a park map to identify the locations. The second part lists the birds that have been observed in the area over the years. A good bird guide will also be helpful in recognizing birds on this list.
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- Welch, J. E. 1989. Observations of whooping cranes/sandhill cranes in Black Canyon and Curecanti. Black Canyon of the Gunnison N.M.: National Park Service.
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